

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:	ŀ	(11) International Publication Number: WO 99/6	4061
A61K 38/26	A1	(43) International Publication Date: 16 December 1999 (16	.12.99)
(21) International Application Number: PCT/US	99/100	0 (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, B BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, 1	
(22) International Filing Date: 7 May 1999 (07.05.9		E, KG, G, MK,
(30) Priority Data: 60/089,044 12 June 1998 (12.06.98)	τ	SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK,	
(71) Applicant (for all designated States except US): BRASKA, INC. [US/US]; 3820 N.W. 46th Street, NE 68524 (US).			
(72) Inventors; and (75) Inventors/Applicants (for US only): GOKE, [DE/DE]: Mariborer Strasse 22, D-35037 Marbu BYRNE, Maria [DE/US]; 3820 N.W. 46th Street, NE 68524 (US). (74) Agent: SEASE, Edmund, J.; Zarley, McKee, Thomte, & Sease, Suite 3200, 801 Grand Avenue, Des Mo 50309-2721 (US).	rg (DI Lincol	With international search report. Before the expiration of the time limit for amend claims and to be republished in the event of the recamendments.	
(54) Title: GLUCAGON-LIKE PEPTIDE-1 IMPROVE GLUCOSE TOLERANCE	S β-C	ELL RESPONSE TO GLUCOSE IN SUBJECTS WITH IMP.	AIRED

(57) Abstract

A composition for the treatment of impaired glucose tolerance (IGT) including a compound which binds to a receptor for glucagon-like peptide-1, and a pharmaceutical carrier. The amount of the compound present is an effective amount to improve pancreatic β -cell sensitivity to blood glucose levels in a human with IGT. Also, a method for improving the pattern of insulin secretory responses in a human with IGT by administering to the human a composition comprising a compound which binds to a receptor for glucagon-like peptide-1 and a pharmaceutical carrier.